

HÃ©lÃ¨ne Hauduc

List of Publications by Year in descending order

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15
papers

543
citations

1039880

9
h-index

1125617

13
g-index

15
all docs

15
docs citations

15
times ranked

674
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical review of activated sludge modeling: State of process knowledge, modeling concepts, and limitations. <i>Biotechnology and Bioengineering</i> , 2013, 110, 24-46.	1.7	97
2	A dynamic physicochemical model for chemical phosphorus removal. <i>Water Research</i> , 2015, 73, 157-170.	5.3	92
3	New framework for standardized notation in wastewater treatment modelling. <i>Water Science and Technology</i> , 2010, 61, 841-857.	1.2	73
4	A systematic approach for model verification: application on seven published activated sludge models. <i>Water Science and Technology</i> , 2010, 61, 825-839.	1.2	70
5	Efficiency criteria for environmental model quality assessment: A review and its application to wastewater treatment. <i>Environmental Modelling and Software</i> , 2015, 68, 196-204.	1.9	64
6	Activated sludge modelling in practice: an international survey. <i>Water Science and Technology</i> , 2009, 60, 1943-1951.	1.2	54
7	Activated sludge modelling: development and potential use of a practical applications database. <i>Water Science and Technology</i> , 2011, 63, 2164-2182.	1.2	43
8	Incorporating sulfur reactions and interactions with iron and phosphorus into a general plant-wide model. <i>Water Science and Technology</i> , 2019, 79, 26-34.	1.2	17
9	Recent advances in bio-P modelling – a new approach verified by full-scale observations. <i>Water Science and Technology</i> , 2018, 78, 2119-2130.	1.2	13
10	Colloids, flocculation and carbon capture – a comprehensive plant-wide model. <i>Water Science and Technology</i> , 2019, 79, 15-25.	1.2	10
11	Incorporating Sulfur and Relevant Reactions into a General Plantwide and Sewer Model. <i>IFAC-PapersOnLine</i> , 2017, 50, 3935-3940.	0.5	4
12	Investigating the dynamics of volatile sulfur compound emission from primary systems at a water resource recovery facility. <i>Water Environment Research</i> , 2021, 93, 316-327.	1.3	4
13	New Framework for Standardized Notation in Wastewater Treatment Modelling. <i>Proceedings of the Water Environment Federation</i> , 2010, 2010, 1099-1100.	0.0	1
14	A Dynamic Physicochemical Model for Chemical Phosphorus Removal. <i>Proceedings of the Water Environment Federation</i> , 2013, 2013, 172-183.	0.0	1
15	Analyse et consolidation de donnÃ©es de fonctionnement des stations d'Ã©puration : une Ã©tude de cas. <i>Techniques - Sciences - Methodes</i> , 2015, , 105-135.	0.0	0